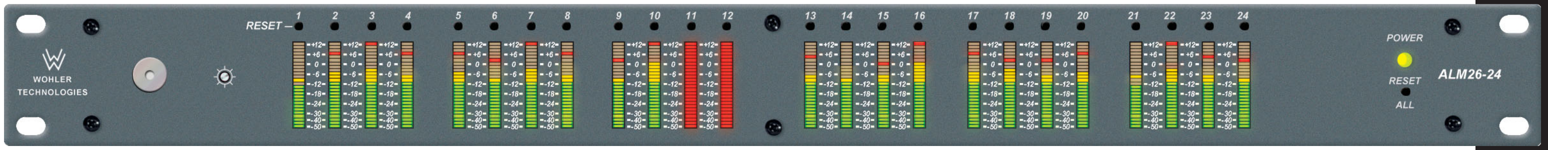
February 10, 2004

World Leader •In-Rack• Audio & Video Monitoring

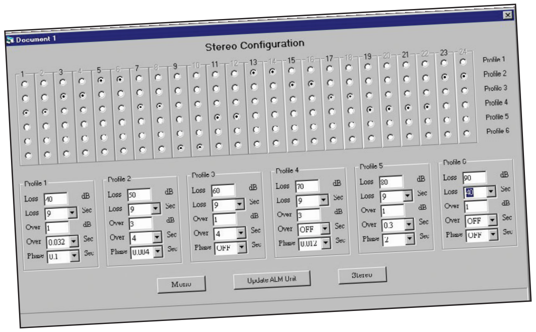
WOHLER ALM26-24AS

24 Channel Analog Stereo Audio Alarm System with Professional Level Metering



Features:

Twenty-Four 26 Segment Bargraph LED Level Meters
Tri-Color LEDs Showing Simultaneous VU & PPM
24 Analog Audio Inputs
Phase Error, Signal Loss and Over-Range Audio Alarms, Visual & Acoustic
Adjustable Level Thresholds for Alarm Conditions
Programmable with Supplied Windows™ Compatible Software
Per Channel Pair Logging Contact Closures
on a DB-25 (Connector)
Full Duplex 9600 Baud RS-232 Control & Status
Analog & AES/EBU Versions and
a Variety of Scales Available
Remote Management Panel also Available: RA-24



New from Wohler is the ALM series of Audio alarm units, which combine alarms for Audio Loss, Over-Range and Phase Error, with the LM series of level meters. Error conditions are indicated in the tri-color LED bargraph, as well as with an audible error alarm. Units have isolated contact closures for reporting error conditions elsewhere, and the thresholds and settings for error conditions may be set by the user using a PC and RS232 cable with the supplied software.

Wohler professional level meters with alarms are available with 26, 53 or 106 segment bargraphs, providing very high resolution and a wide (>70dB usable) dynamic range in increments as small as 1/2 dB across mid-scale. Versions are available for Analog & AES/EBU Digital sources, providing from 2 to 24 channels simultaneously depending on the model, and are available as 1U or 2U in-rack units, or as standalone units.

Our unique tri-color LED design means we can offer an almost unlimited variety of options such as Phase Correlation, Peak Hold, Loudness, Sum & Difference, and alternate scales & color mappings.

The standard display mode is set as a single segment PPM "dot" above a VU bar, each segment's color is fixed according to its position on the scale.

Level calibration for analog input versions and scale color transition points ("color mask") for digital input versions may be set via dip switches to select one of four different calibration levels (for analog input types) or color mask (for digital input types) via DIP switch settings.

Built and rigorously tested in the USA, the ALM Series is backed by a strong warranty and a "Satisfaction Guaranteed" return policy.

Wohler®

Alarm Systems | Level Metering | Audio Monitoring | Video Monitoring

Toll Free (US): 1-888-5-WOHLER Tel: (650) 589-5676 Fax: (650) 589-1355 • 713 Grandview Drive, South San Francisco, California 94080, USA

www.wohler.com sales@wohler.com

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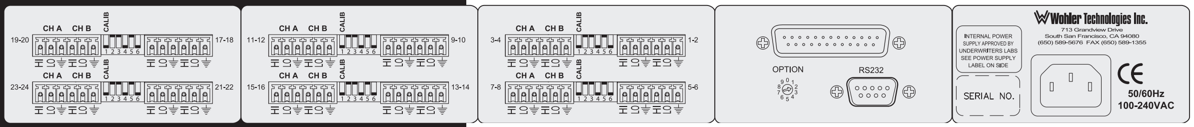
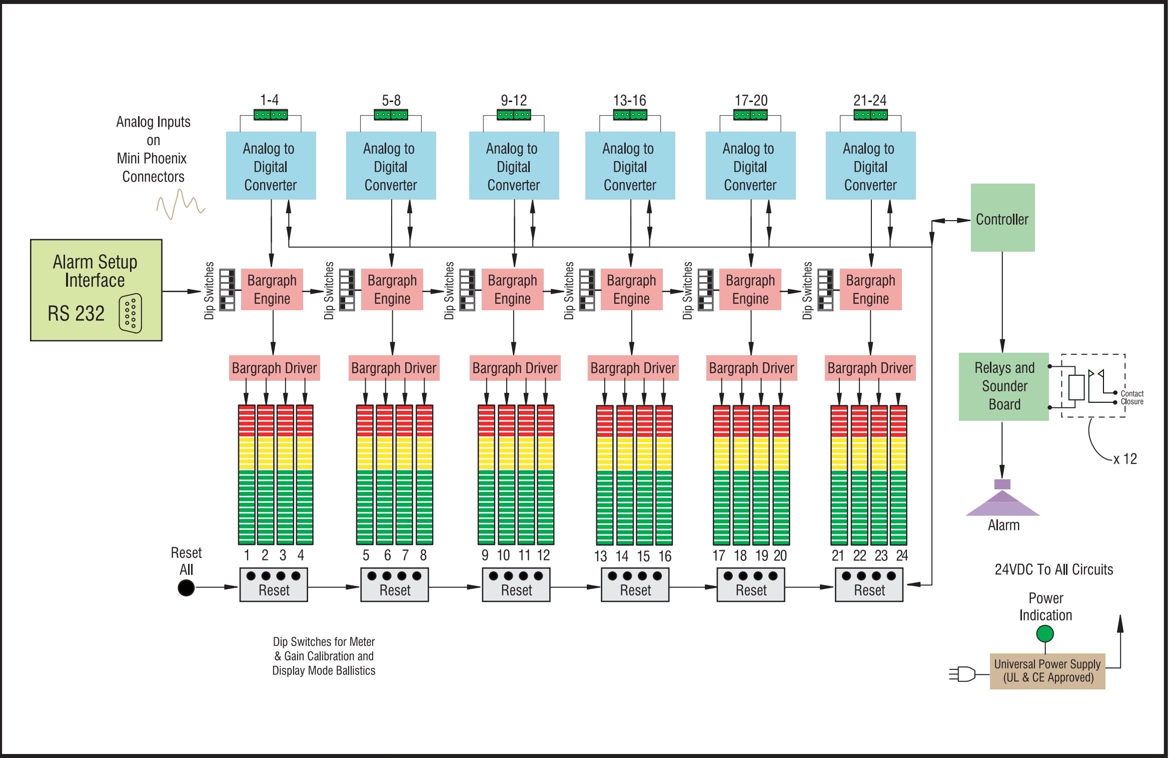
Rear Panel:



System Diagram:



Specifications:

Input Connectors	Mini Phoenix
Audio Source Type	Analog
Analog Input Sampling Rate	48 kHz
Frequency Response	20 Hz to 20 kHz ±0.5 dB
Analog Input Impedance	40 kOhms
Error Indication	Isolated contact closures per channel pair
Error Indication	Front panel acoustic sounder
Error Indication	Front panel indication of specific condition with flashing red LEDs
Communication	Full duplex 9600 baud RS-232 control and status
Setup	User configurable channel enable and alarm thresholds
Level Meters	Twenty-four 26 segment high resolution
Standard Scale	-50 to +12 dB
Midscale Resolution	2 dB
Standard Display Ballistics	Simultaneous VU & PPM (dot over bar)
Dimensions (H x W x D)	1.75" x 19" x 8" (45 x 483 x 203mm)
Weight	4.1 lbs. (1.85 kg)
Power Consumption	15W (maximum)
Power Supply	100-250 VAC, 50/60 Hz universal input, auto switching

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